# **EAST Search History**

Ref #	Hits	Search Query	D8s	Default Operator	Plurals	Time Stamp
LI	8	(portion\$2 or frame\$3) with repeat\$3 same equali\$8 same (discard or remove or delete) (buffer or memory or stor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 19:04
L2	1	(*6934345*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/18 19:04
L3	6	("5031195"   "5453797"   "5513216"   "5777692"   "6438164"   "6687235").PN.	US-PGPUB; USPAT; USOCR	AND .	OFF	2007/06/18 19:08
L4	3693	(sampl\$4 or analog adj4 digital) same (equall\$8) same (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:09
LS	519	(sampl\$4 or analog adj4 digital) with (sampl\$4 with rate) same (equali\$8) same (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:10
L6	283	(sampl\$4 or analog adj4 digital) with (sampl\$4 with rate) same (equali\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:13
L7	14168819	@ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 19:10
L8	220	6 L7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:10
L9	283	(sampl\$4 or analog adj4 digital) with (sampl\$4 with rate or "k/T" ) same (equali\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF.	2007/06/18 19:13
Ł10	0	(sampl\$4 or analog adj4 digital) with ("k/T" ) same (equali\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:13
L11	0	(sampl\$4 or analog adj4 digital) with ("k.sub.T") same (equali\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:14
L12	0	(sampl\$4 or analog adj4 digital) with ("k/T") same (equall\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:1
L13	49	(sampl\$4 or analog adj4 digital) with (high\$4 or great\$4) with (rat\$3) same (equali\$8) with (decod\$4)	US-PGPUB; USPAT; USOCR	AND	OFF `	2007/06/18 19:10
L14	43	13 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:10

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# **EAST Search History**

L30	244	(sampl\$4 adj rat\$3 or "n/T" or "k/T") same equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:56
L31	2	( "n/T" or "k/T") same equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:56
L32	6	("5031195"   "5453797"   "5513216"   "5777692"   "6438164"   "6687235").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 20:02
L33	9	("3647992"   "4669116"   "4977591"   "5148427"   "5329586"   "5500892"   "5627885"     "5778055"   "6516063").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 20:02
L34	23	("5453797").URPN.	USPAT	AND	OFF	2007/06/18 20:27
L35	80	(fimoff-mark).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/06/18 20:36
L36 ,	13	(nerayanuru-sreenivasa-m).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/06/18 20:28
S1	299467	(dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 11:52
S2	129005	delay with (input or data with receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 11:52
\$3	1519	error with decod\$4 with equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:44
<b>S4</b>	0	ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 11:53
SS	14168819	@ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 11:53
S6	323	S1 S2 S3 S5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 11:53

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		EAST Search				
L15	6	("5031195"   "5453797"   "5513216"   "5777692"   "6438164"   "6687235").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:22
L16	161	"k.sup.T"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:23
L17	285	"k/T"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:23
L18	12	17 sampl\$4 same equali\$8	US-PGPU8; USPAT; USOCR	AND	OFF	2007/06/18 19:23
L19	8	18 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:27
L20	10860	(rat\$3 or sampi\$4 adj3 rat\$3) equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND \	OFF	2007/06/18 19:29
121	5245	(rat\$3 or sampl\$4 adj3 rat\$3) with ("1") equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:31
1.22	477	(rat\$3 or sampl\$4 adj3 rat\$3) with ("1") same equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:34
L23	329	22 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:32
L24	800	(rat\$3 or sampl\$4 adj3 rat\$3) with ("1" or high or great\$4 or large) same equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:39
L25	549	24 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:34
L26	2806	(rat\$3 or sampl\$4 adj rat\$3) same equall\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:39
L27	1975	26 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:39
L28	243	(sampl\$4 adj rat\$3) same equali\$8 same decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:54
L29	200	28 7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/06/18 19:40

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S7	153	S1 same S2 S3 S5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 12:06
S8	471	(buffer or memory or storage) same (equali\$8 or dfe) same (error or offset) same (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 12:08
59	345	S8 S5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/15 12:08
S10	13472	(offset or error) with equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:45
S11	129005	delay with (input or data with receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:45
S12	14168819	Фad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:57
S13	471	(buffer or memory or storage) same (equali\$8 or dfe) same (error or offset) same (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:17
S14	192	510 511 513 512	US-PGPU8; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:52
S15	43	(wong-linda).xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:53
S16	609	(channel adj estimat\$4) reconstruct\$4 equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 13:54
S17	117	(channel adj estimat\$4) same reconstruct\$4 equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:08
S18	79	S17 S12	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:08

# **EAST Search History**

S19	863	(buffer or memory or storage) same (sampl\$4 adj4 rate or rate) and (equali\$8 or dfe) same (error or offset or channel adj estimat\$4) same (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:18
S20	617	\$19 \$11	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:17
S21	465	520 512	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:17
S22	106	(buffer or memory or storage) same (sampl\$4 adj4 rate or rate) same \$11 and (equall\$8 or dfe) same (error or offset or channel adj estimat\$4) same (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:47
S23	66	S22 S12	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:16
S24	301	(buffer or memory or storage) same (sampl\$4 adj4 rate or rate) and \$11 same (equall\$8 or dfe) same (error or offset or channel adj estimat\$4) same (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 14:48
S25	222	524 512	US-PGPUB; USPAT; USOCR; EPO; JPO	AND .	OFF	2007/06/17 15:03
S26	4209	(buffer or storage or memory or register) same (sampl\$4 adj4 rate or rate) same equall\$9	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:03
S27	785	(buffer or storage or memory or register) same (sampl\$4 adj4 rate or rate) same equall\$9 same (channel adj (estimat\$4 or response\$3 or impulse\$3) or error or offset)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:04
528	<b>499</b>	(buffer or storage or memory or register) same (sampl\$4 adj4 rate or rate) same equal\$9 same (channel adj (estimat\$4 or response\$3 or impulse\$3) or error or offset) decod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:04

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540	4114	delay same (channel adj4 (estimat\$4 or impulse\$4 or response\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:42
S41	14168819	@ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:42
542	224	S39 S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:46
S43	5254	(track\$4) with (dfe or equali\$8 or decision adj4 feedback adj4 equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:47
S44	212	S43 S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:50
S45	269754	(buffer or memory or storage) with (sampl\$4 adj4 rat\$3 or rat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:49
S46	212	S43 S40 S41 S44	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:50
S47	65	\$43 \$40 \$41 \$45	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:50
548	1	(silent near4 (portion or frame or non\$2speech or period)) with channel adj4 (estimat\$4 or impulse\$3 or response\$3) (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:22
S49	2	(silent near4 (portion or frame or non\$2speech or period)) same channel adj4 (estimat\$4 or impulse\$3 or response\$3) (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:41
S50	1	("20010033614").PN.	US-PGPUB; USPAT; USOCR; EPO: JPO	OR	OFF	2007/06/18 09:29

# **EAST Search History**

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529	372	528 512	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:04			
530	186	S29 S11	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:20			
S31	0	equali\$9 vold adj time same (error or channel adj4 (estimat\$4 or response or impulse))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:20			
532	1	equali\$9 void adj4 time same (error or channel adj4 (estimat\$4 or response or impulse))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:21			
S33	1	equali\$9 void adj4 (period or time) same (error or channel adj4 (estimat\$4 or response or impulse))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:20			
S34	10160	equali\$9 delay same (error or channel adj4 (estimat\$4 or response or impulse))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:21			
S35	3773	equali\$9 delay same (error or channel adj4 (estimat\$4 or response or impulse)) (buffer or storage or memory or register) same (sampl\$4 adj4 rat\$3 or rat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:22			
S36	436	equali\$9 same delay same (error or channel adj4 (estimat\$4 or response or impulse)) (buffer or storage or memory or register) same (sampi\$4 adj4 rat\$3 or rat\$3) same equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:23			
S37	311	S36 S12	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 15:23			
S38	15	void adj time equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:41			
S39	1050	(channel adj4 (estimat\$4 or response or impulse\$3)) same decod\$4 same equali\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/17 16:41			

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# **EAST Search History**

S51	4	(silent with (portion or frame or non\$2speech or period)) same channel adj4 (estimat\$4 or impulse\$3 or response\$3) (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:47
S52	72	(silent with (portion or frame or non\$2speech or period)) channel adj4 (estimat\$4 or impulse\$3 or response\$3) (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:56
S53	10976	(track\$4 or synchroni\$8) with (equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:47
S54	7	S52 S53	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:47
S55	4437	(silent with (portion or frame or non\$2speech or period))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:56
S56	4479	(silent with (portion or frame or non\$2speech or period)) or (void adj times)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:56
S57	39	S56 S53	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:56
\$58	14168819	@ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 09:57
S59	36	S57 S58	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 10:26
560	1	\$50	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 10:29
S61	760	buffer same sampi\$4 adj4 rat\$3 (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 10:29
S62	22	buffer with sampl\$4 adj4 rat\$3 same (dfe or equall\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 11:00

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S63	17	562 \$58	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 10:31
S64	67	((buffer or memory or storage) with sampl\$4 adj4 rat\$3) same (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:08
S65	109	((buffer or memory or stor\$4) with sampl\$4 adj4 rat\$3) same (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND .	OFF	2007/06/18 14:08
S66	73	S65 S58	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 11:02
S67	67	((buffer or memory or storage) with sampi\$4 adj4 rat\$3) same (dfe or equall\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:08
S68	109	((buffer or memory or stor\$4) with sampi\$4 adj4 rat\$3) same (dfe or equali\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:00
S69	76	((buffer or memory or stor\$4) same (greater or higher or multiple or "n") with sampl\$4 adj4 rat\$3) same (dfe or equali\$8)	USPAT;	AND	OFF	2007/06/18 14:40
S70	14168819	@ad<="20040127"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:15
S71	50	S69 S70	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:15
S72	0	"7145945".pn. decod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 14:40
S73	101692	(portion\$2 or frame\$3) with repeat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 15:09
S74	6891	(portion\$2 or frame\$3) with repeat\$3 equall\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND .	OFF	2007/06/18 15:09

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S75	5173	(portion\$2 or frame\$3) with repeat\$3 equall\$8 (buffer or memory or stor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 18:38
S76	1332	(portion\$2 or frame\$3) with repeat\$3 same (buffer or memory or stor\$4) equali\$7	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 15:13
S77	991	\$76 \$70	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 15:13
S78	121	(portion\$2 or frame\$3) with repeat\$3 same (buffer or memory or stor\$4) same equali\$7	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 15:30
579	70	\$78 \$70	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/06/18 15:31